

Storm Data and Unusual Weather Phenomena - July 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ILLINOIS, Central				
VERMILION COUNTY --- OAKWOOD [40.12, -87.78]				
	07/02/11 19:10 CST		0	Hail (0.88 in)
	07/02/11 19:11 CST		0	Source: Emergency Manager
VERMILION COUNTY --- OAKWOOD [40.12, -87.78]				
	07/02/11 19:10 CST		10K	Thunderstorm Wind (EG 52 kt)
	07/02/11 19:15 CST		0	Source: Emergency Manager
A van was blown off I-74 at mile marker 206.				
VERMILION COUNTY --- GEORGETOWN [39.98, -87.63]				
	07/02/11 20:00 CST		30K	Thunderstorm Wind (EG 52 kt)
	07/02/11 20:05 CST		0	Source: Emergency Manager
Numerous trees were blown down in Georgetown.				
COLES COUNTY --- CHARLESTON [39.48, -88.18]				
	07/02/11 22:04 CST		15K	Thunderstorm Wind (EG 52 kt)
	07/02/11 22:09 CST		0	Source: Emergency Manager
Several tree branches were blown down in Charleston.				
EFFINGHAM COUNTY --- SHUMWAY [39.18, -88.65]				
	07/02/11 23:12 CST		0	Hail (0.75 in)
	07/02/11 23:13 CST		0	Source: Fire Department/Rescue
CLARK COUNTY --- CASEY [39.30, -87.98]				
	07/02/11 23:30 CST		0	Hail (0.75 in)
	07/02/11 23:31 CST		0	Source: COOP Observer
EDGAR COUNTY --- 2.7 SW MELWOOD [39.73, -87.87], 0.8 E RAVEN [39.80, -87.53], 1.3 SSW KIDLEY [39.73, -87.54], 2.3 WNW DUDLEY [39.60, -87.89]				
	07/02/11 23:35 CST		0	Flash Flood (due to Heavy Rain)
	07/03/11 03:00 CST		0	Source: Law Enforcement
Heavy rainfall amounts of 3.00" to 4.00" in a two hour period just before Midnight resulted in flash flooding of rural roads in a small part of northern Edgar County. Many of these roads were impassable during the night.				
EFFINGHAM COUNTY --- EFFINGHAM [39.12, -88.53]				
	07/03/11 00:20 CST		0	Hail (0.75 in)
	07/03/11 00:21 CST		0	Source: Fire Department/Rescue
COLES COUNTY --- 2.2 W PARADISE [39.43, -88.47], 0.9 SSE JONES [39.44, -88.32], 1.1 WNW TRILLA [39.37, -88.37], 2.8 WNW ETNA [39.39, -88.47]				
	07/03/11 00:45 CST		0	Flash Flood (due to Heavy Rain)
	07/03/11 05:15 CST		0	Source: Law Enforcement
Heavy rainfall amounts ranging from 4.00 to 5.00 inches were reported in a two hour period ending just after Midnight. Many rural roads were inundated, and parts of U.S. Highway 45 southwest of Mattoon were impassable.				
SHELBY COUNTY --- 3.2 NE SEXSON CORNER [39.43, -88.47], 2.8 ESE SEXSON CORNER [39.39, -88.47], 2.5 NE STRASBURG [39.38, -88.59], 1.1 ESE WINDSOR [39.42, -88.58]				
	07/03/11 00:45 CST		0	Flash Flood (due to Heavy Rain)
	07/03/11 05:15 CST		0	Source: COOP Observer
Heavy rainfall amounts ranging from 4.00 to 5.00 inches were reported in a two hour period ending just after Midnight in a small part of southeast Shelby County. Most rural roads were inundated southeast of Windsor as a result.				
EFFINGHAM COUNTY --- ALTAMONT [39.07, -88.75]				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/03/11 01:29 CST		0	Hail (0.88 in)
	07/03/11 01:30 CST		0	Source: Trained Spotter

Isolated thunderstorms developed along and immediately behind a cold front during the late afternoon and evening hours of July 2nd. The storms were aided by a developing low-level jet during the evening, which helped a few of the storms produce damaging wind gusts as well as localized flash flooding.

LOGAN COUNTY --- 3.5 NNW LINCOLN [40.20, -89.40]

07/07/11 14:45 CST	20K	Thunderstorm Wind (EG 52 kt)
07/07/11 14:50 CST	75K	Source: Emergency Manager

An empty grain bin was shifted off its foundation by strong winds about 3 miles northwest of Lincoln along old Illinois Route 121. Several corn fields were also flattened in the area.

VERMILION COUNTY --- POTOMAC [40.30, -87.80]

07/07/11 16:05 CST	8K	Thunderstorm Wind (EG 52 kt)
07/07/11 16:10 CST	0	Source: Emergency Manager

A tree and power pole were blown down on South Vermilion Street in Potomac.

CHRISTIAN COUNTY --- 0.8 N LANGLEYVILLE [39.58, -89.35], 1.8 WSW WILLEYS [39.59, -89.26], 0.8 SE TAYLORVILLE [39.54, -89.29], 2.2 WNW TAYLORVILLE MUNI ARP [39.54, -89.37]

07/07/11 17:45 CST	0	Flash Flood (due to Heavy Rain)
07/07/11 22:00 CST	0	Source: Emergency Manager

Heavy rainfall amounts of 3.00 to 5.00" were reported during a two hour period in the early evening hours near Taylorville. Some city streets on the west side of Taylorville had two feet of standing water, and State Highway 104 northwest of Taylorville was impassable.

A weak upper-level disturbance tracking along a stationary frontal boundary brought scattered thunderstorms to central and southeast Illinois during the evening of July 7th into the early morning hours of July 8th. A couple of the storms produced damaging wind gusts. In addition, rainfall amounts of 3 to 5 inches in a few locations produced localized flash flooding.

FULTON COUNTY --- 2.1 S DUNCAN MILLS [40.30, -90.18]

07/11/11 06:15 CST	45K	Thunderstorm Wind (EG 52 kt)
07/11/11 06:20 CST	3K	Source: Emergency Manager

Numerous trees and tree branches were blown down near Duncan Mills. A semi trailer was tipped over and about 2 acres of corn were flattened in the area.

FULTON COUNTY --- IPAVA [40.35, -90.32]

07/11/11 06:15 CST	6K	Thunderstorm Wind (EG 52 kt)
07/11/11 06:20 CST	0	Source: Emergency Manager

A power pole was blown down near Ipava causing a few power outages.

A weak upper-level disturbance interacting with a very warm and humid airmass triggered isolated thunderstorms during the morning of July 11th. The storms produced wind damage across parts of southern and eastern Fulton County before dissipating as they tracked further eastward.

SANGAMON COUNTY --- 1.1 E CHATHAM [39.67, -89.68]

07/12/11 14:47 CST	15K	Thunderstorm Wind (EG 52 kt)
07/12/11 14:52 CST	0	Source: Emergency Manager

Power lines were blown down east of Chatham.

CLAY COUNTY --- 2.9 WSW OSKALOOSA [38.73, -88.70], 3.8 NW MC CABE [38.72, -88.56], 2.8 ESE XENIA [38.61, -88.59], 3.9 WSW XENIA [38.61, -88.70]

07/12/11 15:30 CST	0	Flash Flood (due to Heavy Rain)
07/12/11 21:00 CST	0	Source: Emergency Manager

Heavy rain of 3.00 to 4.00 inches in a two hour period during the late afternoon produced flash flooding in southwest Clay County. Many rural roads were inundated with water flowing over them, and U.S. Highway 50 was impassable in spots.

LAWRENCE COUNTY --- SUMNER [38.72, -87.85]

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	07/12/11 16:40 CST		12K	Thunderstorm Wind (EG 52 kt)
	07/12/11 16:45 CST		0	Source: Law Enforcement

Power lines were blown down in Sumner.

LAWRENCE COUNTY --- SUMNER [38.72, -87.85]

07/12/11 16:46 CST	0	Hail (0.88 in)
07/12/11 16:47 CST	0	Source: Emergency Manager

LAWRENCE COUNTY --- LAWRENCEVILLE [38.72, -87.67]

07/12/11 17:05 CST	55K	Thunderstorm Wind (EG 52 kt)
07/12/11 17:10 CST	0	Source: Law Enforcement

Numerous tree branches and power lines were blown down in Lawrenceville.

RICHLAND COUNTY --- OLNEY [38.73, -88.08]

07/12/11 18:10 CST	50K	Thunderstorm Wind (EG 52 kt)
07/12/11 18:15 CST	0	Source: Law Enforcement

Numerous tree branches and power lines were blown down in Olney.

CRAWFORD COUNTY --- 1.9 NW PIERCEBURG [38.95, -87.95], 3.8 WSW LANDES [38.85, -87.95], 1.8 NNE PORT JACKSON [38.89, -87.76], 1.2 NE OIL CENTER [38.98, -87.81]

07/12/11 18:30 CST	0	Flash Flood (due to Heavy Rain)
07/12/11 22:30 CST	0	Source: Law Enforcement

Heavy rain of 3.00 to 6.00 inches in a three hour period during the early evening produced flash flooding in southwest Crawford County. Many rural roads south of Oblong were inundated with water flowing over them.

JASPER COUNTY --- 4.2 ENE ST MARIE [38.95, -87.95], 2.9 E RAFETOWN [38.85, -87.95], 0.5 ENE WEST LIBERTY [38.85, -88.07], 0.5 SSW ST MARIE [38.92, -88.02]

07/12/11 18:30 CST	0	Flash Flood (due to Heavy Rain)
07/12/11 22:30 CST	0	Source: Law Enforcement

Heavy rain of 3.00 to 6.00 inches in a three hour period during the early evening produced flash flooding in southeast Jasper County. Many rural roads southeast of Ste. Marie were inundated with water flowing over them.

LAWRENCE COUNTY --- 4.0 NW SUMNER [38.76, -87.91], 4.4 SW SUMNER [38.68, -87.91], 2.3 SE SUMNER [38.69, -87.82], 0.5 SSW PETROLIA [38.76, -87.77]

07/12/11 18:30 CST	0	Flash Flood (due to Heavy Rain)
07/12/11 22:00 CST	0	Source: Emergency Manager

Heavy rain of 3.00 to 4.00 inches in a two hour period during the early evening produced flash flooding in western Lawrence County. Many rural roads were inundated with water flowing over them, and U.S. Highway 50 was impassable in spots.

RICHLAND COUNTY --- 2.0 SE AMITY [38.76, -87.91], 4.4 SE CLAREMONT [38.68, -87.91], 2.7 NE CALHOUN [38.68, -88.02], 2.4 W CLAREMONT [38.72, -88.01]

07/12/11 18:30 CST	0	Flash Flood (due to Heavy Rain)
07/12/11 22:00 CST	0	Source: Law Enforcement

Heavy rain of 3.00 to 4.00 inches in a two hour period during the early evening produced flash flooding in southeast Richland County. Many rural roads around Claremont were inundated with water flowing over them, and U.S. Highway 50 was impassable in spots.

A stationary frontal boundary served as the focusing mechanism for scattered thunderstorms during the late afternoon and early evening hours of July 12th. Most of the storms occurred along and southwest of a Springfield to Robinson line. Isolated wind damage was reported, as well as localized flash flooding across parts of southeast Illinois.

MCLEAN COUNTY --- COOKSVILLE [40.53, -88.72]

07/19/11 17:40 CST	0	Hail (0.75 in)
07/19/11 17:41 CST	0	Source: Emergency Manager

A stationary frontal boundary along the I-74 corridor triggered scattered thunderstorms during the late afternoon and early evening of July 19th. Numerous reports of funnel clouds were received; however, no tornado touchdowns occurred. One cell produced

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penny-sized hail in Cooksville in eastern McLean County.				
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(IL-Z050) MORGAN, (IL-Z068) CRAWFORD	07/20/11 00:00 CST	2	0	Excessive Heat
	07/24/11 22:59 CST		0	
Direct Fatalities: F75PH, M49OU				
A large upper-level ridge of high pressure brought oppressively hot and humid conditions to central Illinois from July 17th through July 24th. Afternoon high temperatures reached the middle to upper 90s, while heat index readings climbed into the 105 to 115 degree range. Two people died as a result of the extreme heat.				
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MACON COUNTY --- MT ZION [39.77, -88.88]	07/26/11 14:48 CST		0	Hail (0.75 in)
	07/26/11 14:49 CST		0	Source: Mesonet
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MENARD COUNTY --- PETERSBURG [40.02, -89.85]	07/26/11 16:10 CST		0	Hail (0.75 in)
	07/26/11 16:11 CST		0	Source: Mesonet
A warm front lifting northward into central Illinois triggered widely scattered thunderstorms during the afternoon of July 26th. A few of the storms produced penny-sized hail.				
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KNOX COUNTY --- 1.0 N ABINGDON [40.81, -90.40]	07/29/11 05:16 CST		25K	Thunderstorm Wind (EG 61 kt)
	07/29/11 05:21 CST		0	Source: Mesonet
Numerous large tree limbs were blown down just north of Abingdon.				
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KNOX COUNTY --- YATES CITY [40.78, -90.02]	07/29/11 05:20 CST		0	Thunderstorm Wind (EG 61 kt)
	07/29/11 05:25 CST		75K	Source: COOP Observer
Numerous corn fields were flattened around Yates City.				
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PEORIA COUNTY --- ELMWOOD [40.78, -89.97]	07/29/11 05:30 CST		8K	Thunderstorm Wind (EG 61 kt)
	07/29/11 05:35 CST		0	Source: COOP Observer
Trees were blown down across Route 8 in Elmwood.				
Scattered thunderstorms developed along a nearly stationary frontal boundary during the early morning hours of July 29th. One of the thunderstorm cells produced wind damage across southern Knox County into far western Peoria County before dissipating as it tracked further eastward.				
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CLARK COUNTY --- 0.9 NW WESTFIELD [39.46, -88.01], 1.9 WNW OILFIELD [39.39, -88.01], 1.8 ENE OILFIELD [39.39, -87.95], 2.7 WNW CLEONE [39.44, -87.95]	07/29/11 20:00 CST		0	Flash Flood (due to Heavy Rain)
	07/30/11 00:30 CST		0	Source: Law Enforcement
Heavy rainfall amounts of 2.50 to 4.00 inches during the evening hours of July 29th produced flash flooding in extreme northwest Clark County. Many rural roads south of Westfield were impassable due to the accumulated water.				
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COLES COUNTY --- 2.7 NNW HUTTON [39.45, -88.11], 4.4 NE HUTTON [39.46, -88.01], 4.1 ESE HUTTON [39.39, -88.01], 1.9 WSW HUTTON [39.41, -88.11]	07/29/11 20:00 CST		0	Flash Flood (due to Heavy Rain)
	07/30/11 00:30 CST		0	Source: Law Enforcement
Heavy rainfall amounts of 2.50 to 4.00 inches during the evening hours of July 29th produced flash flooding in extreme southeast Coles County. Many rural roads southeast of Charleston were impassable due to the accumulated water.				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
CUMBERLAND COUNTY --- 1.6 SW NEOGA [39.30, -88.47], 1.9 NE UNION CENTER [39.35, -88.06], 3.1 N HAZEL DELL [39.24, -88.05], 2.0 SSE WALLA WALLA [39.17, -88.19], 5.8 WSW WOODBURY [39.17, -88.38], 7.1 S NEOGA [39.22, -88.47]				
	07/29/11 20:00 CST		0	Flash Flood (due to Heavy Rain)
	07/30/11 00:30 CST		0	Source: Law Enforcement
Slow moving thunderstorms produced 3.00 to 7.00 inches of rain in Cumberland County. Hardest hit was western Cumberland County just south of Neoga. Many rural roads were severely flooded, and U.S. Highway 45 was closed. In addition, most streets in Toledo and Greenup were flooded and impassable due to the heavy rain.				
SHELBY COUNTY --- 2.7 E TROWBRIDGE [39.30, -88.47], 1.6 E SIGEL [39.22, -88.47], 1.1 W SIGEL [39.22, -88.52], 0.7 ESE TROWBRIDGE [39.29, -88.51]				
	07/29/11 20:00 CST		0	Flash Flood (due to Heavy Rain)
	07/30/11 00:30 CST		0	Source: Law Enforcement
Slow moving thunderstorms produced 3.00 to 7.00 inches of rain in extreme southeast Shelby County. Most rural roads were severely flooded, and U.S. Highway 45 was closed.				
CLARK COUNTY --- 5.0 SW MORIAH [39.18, -88.00], 1.3 E MELROSE [39.18, -87.75], 1.3 ESE MELROSE [39.17, -87.75], 1.5 W YORK [39.17, -87.66], 2.9 E WALNUT PRAIRIE [39.23, -87.62], 1.7 SE MARSHALL [39.36, -87.68], 1.1 N ORANGE [39.22, -87.82], 3.8 W MORIAH [39.22, -88.00]				
	07/29/11 20:45 CST		0	Flash Flood (due to Heavy Rain)
	07/30/11 02:00 CST		0	Source: Law Enforcement
Heavy rainfall amounts of 3.00 to 6.00 inches during the evening hours of July 29th produced flash flooding in southeast and extreme southern Clark County. Many rural roads, as well as State Highway 1 south of Marshall to the Crawford County line, were impassable due to the accumulated water.				
CRAWFORD COUNTY --- 2.8 S BELLAIR [39.11, -87.95], 1.8 N BELLAIR [39.18, -87.95], 3.6 W WEST YORK [39.18, -87.75], 3.6 W WEST YORK [39.17, -87.75], 1.2 E WEST YORK [39.17, -87.66], 2.7 E TRIMBLE [39.08, -87.63]				
	07/29/11 20:45 CST		0	Flash Flood (due to Heavy Rain)
	07/30/11 02:00 CST		0	Source: Law Enforcement
Heavy rainfall amounts of 3.00 to 6.00 inches during the evening hours of July 29th produced flash flooding in northern Crawford County. Many rural roads, as well as State Highway 1 from West York to Hutsonville, were impassable due to the accumulated water.				
JASPER COUNTY --- 3.9 E YALE [39.11, -87.95], 4.6 ENE ADVANCE [39.18, -87.95], 2.2 NE ADVANCE [39.18, -88.00], 1.1 SE YALE [39.11, -88.00]				
	07/29/11 20:45 CST		0	Flash Flood (due to Heavy Rain)
	07/30/11 02:00 CST		0	Source: Law Enforcement
Heavy rainfall amounts of 3.00 to 5.00 inches during the evening hours of July 29th produced flash flooding in extreme northeast Jasper County. Many rural roads east and northeast of Yale were impassable due to the accumulated water.				
CUMBERLAND COUNTY --- 1.6 SW NEOGA [39.30, -88.47], 1.9 NE UNION CENTER [39.35, -88.06], 3.1 N HAZEL DELL [39.24, -88.05], 2.0 SSE WALLA WALLA [39.17, -88.19], 5.8 WSW WOODBURY [39.17, -88.38], 7.1 S NEOGA [39.22, -88.47]				
	07/30/11 00:30 CST		0	Flood (due to Heavy Rain)
	07/30/11 06:00 CST		0	Source: Law Enforcement
Floodwaters from flash flooding during the late evening of July 29th took several hours to recede from roads in Cumberland County. Most rural roads and U.S. Highway 45 were finally reopened to traffic around daybreak on July 30th.				
SHELBY COUNTY --- 2.7 E TROWBRIDGE [39.30, -88.47], 1.6 E SIGEL [39.22, -88.47], 1.1 W SIGEL [39.22, -88.52], 0.7 ESE TROWBRIDGE [39.29, -88.51]				
	07/30/11 00:30 CST		0	Flood (due to Heavy Rain)
	07/30/11 06:00 CST		0	Source: Law Enforcement
Floodwaters from flash flooding during the late evening of July 29th took several hours to recede from roads in southeast Shelby County. Most rural roads and U.S. Highway 45 were finally reopened to traffic around daybreak on July 30th.				
Slow-moving thunderstorms developed along an old outflow boundary near the I-70 corridor during the evening of July 29th. Rainfall amounts of 3 to 7 inches fell in less than 3 hours in a few locations, producing flash flooding. The hardest hit areas were western Cumberland County and southeast Shelby County, where parts of Route 45 were closed for a time due to high water.				